

AMENDENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-12. (canceled)

Claim 13. (currently amended) A document transmission apparatus comprising:
a print document manager that stores a document to be printed in association
with an e-mail address of a user of a cellular phone;
a mail transmitter that transmits, when the document to be printed is stored in
the print document manager, a print notification message to the address of the user of
the cellular phone, the print notification message indicating that the document to be
printed is stored in the print document manager;

a printer instruction acquirer that acquires print instruction information from the
cellular phone that receives the print notification message, the print instruction acquirer
transmitting an instruction screen that includes an input screen to be displayed on the
cellular phone and that is programmed so as to receive the print instruction information
input on the input screen, the printer instruction acquirer acquiring the print instruction
information returned by using the instruction screen;

a document transmitter that transmits the document to be printed to a print
destination designated in accordance with the print instruction information acquired by
the print instruction acquirer;

a management table that stores identification data related to an output device of
a print destination that prints the document to be printed in association with a print

method of the print device, the management table storing a printer type and a printer address in association with the output device of the print destination;

a print data generating unit that generates print data in a form appropriate for the printing method of the output device of the print destination designated in the print instruction information acquired from the cellular phone,

the document transmitter determines a communication protocol based upon the printer type and the printer address of the print destination designated in the print instruction information acquired from the cellular phone, and transmits the print data to the indicated print destination by using the determined communication protocol, and

~~The document transmission apparatus according to claim 12, further comprising a print result transmitter that the document transmitter transmits a print result message including a charge for the print required by the designated print destination to the e-mail address of the cellular phone, after the print data is sent to the designated print destination.~~

Claims 14-18. (canceled)

Claim 19. (currently amended) ~~The document transmission apparatus according to claim 18, wherein~~ A document transmission apparatus comprising:

a URL input screen transmitter that transmits, to a predetermined cellular phone, a screen to input a URL information in response to a request from the predetermined cellular phone;

a home page information acquirer that receives the URL information from the predetermined cellular phone and accesses a web server corresponding to the URL information to obtain a home page information, the home page information acquirer

obtains obtaining the home page information in HTML format, the home page information obtains obtaining a title from a <title> tag and obtains text data from <body> tag , and:

a print instruction acquirer that acquires print instruction information from the predetermined cellular phone, the print instruction acquirer transmitting an instruction screen that includes an input screen to be displayed on the predetermined cellular phone and that is programmed so as to receive the print instruction information input on the input screen, the input instruction acquirer acquiring the print instruction information returned by using the instruction screen, wherein the print instruction acquirer transmits transmitting the title and the text data as a portion of the instruction screen , and

a document transmitter that transmits the home page information to a designated print destination in accordance with the print instruction information acquired by the print instruction acquirer.

Claims 20-27. (canceled)

Claim 28. (new) A document transmission apparatus, comprising:

a LAN controller configured to be connected to a mail server, the mail server storing an e-mail directed to a predetermined user, and to be connected to a cellular phone of the predetermined user via an Internet, the cellular phone being utilized by the predetermined user;

a first memory configured to store an e-mail address of the predetermined user of the cellular phone associated with a local mail account of the predetermined user;

a second memory configured to store printer addresses of a plurality of printers, the document transmission apparatus being able to access the plurality of printers, based on the printer addresses;

a controller configured to access the mail server via the LAN, to check for an arrival of the e-mail directed to the predetermined user by logging onto the local mail account of the predetermined user, to search the first memory for the e-mail address of the predetermined user of the cellular phone when the e-mail directed to the predetermined user is stored in the mail server, and to transmit a notification message to the e-mail address of the predetermined user of the cellular phone via the Internet, the notification message notifying the predetermined user of the cellular phone of the arrival of the e-mail directed to the predetermined user,

the controller being further configured to transmit, to the cellular phone, information regarding the plurality of printers that the document transmission apparatus can access, to receive, from the cellular phone, an indication of a selection of one printer from the plurality of printers, and to transmit, to the selected printer, the e-mail directed to the predetermined user, based on a printer address of the selected printer stored in the second memory, whereby the transmitted e-mail can be printed by the selected printer.

Claim 29. (new) The document transmission apparatus according to claim 28, wherein, when a data file is attached to the e-mail directed to the predetermined user, the controller transmits, to the selected printer, the data file which is attached to the e-mail directed to the predetermined user, based on a printer address of the selected printer stored in the second memory, and the selected printer prints the data file.

Claim 30. (new) The document transmission apparatus according to claim 29, wherein the controller converts the file data into appropriate print data that the selected printer can print and transmits, to the selected printer, the converted print data.

Claim 31. (new) The document transmission apparatus according to claim 28, wherein the controller transmits, to the cellular phone, as the notification message, screen data configured to be displayed on a display of the cellular phone, the screen data including a selectable print instruction, the cellular phone transmitting, to the document transmission apparatus, the print instruction when the predetermined user of the cellular phone selects the print instruction included in the screen data, the print instruction identifying the selected printer.

Claim 32. (new) The document transmission according to claim 28, wherein the notification message includes a URL of the document transmission apparatus, the cellular phone accessing the document transmission apparatus using the URL of the document transmission apparatus.

Claim 33. (new) The document transmission apparatus according to claim 28, wherein, when a data file is attached to the e-mail directed to the predetermined user, the controller transmits, to the cellular phone, the information regarding the plurality of printers.

Claim 34. (new) The document transmission apparatus according to claim 33, wherein the information regarding the plurality of the printers includes a list of the plurality of printers that the document transmission apparatus can access, and includes an input member for selecting one printer from the list of the plurality of the printers.

Claim 35. (new) The document transmission apparatus according to claim 34, wherein the printer comprises a facsimile apparatus, and when the facsimile apparatus is selected by the input member, the controller transmits, to the cellular phone, screen data configured to be displayed on a display of the cellular phone, the screen data instructing the predetermined user of the cellular phone to input a telephone number of the facsimile apparatus, the document transmission apparatus accessing the facsimile apparatus using the input telephone number.

Claim 36. (new) The document transmission apparatus according to claim 28, wherein, when a plurality of the e-mails directed to the predetermined user are stored in the mail server, the controller transmits, to the cellular phone, screen data configured to be displayed on a display of the cellular phone, the screen data including a list of the plurality of the e-mails and an input member for selecting one e-mail from the plurality of the e-mails.

Claim 37. (new) The document transmission apparatus according to claim 28, wherein the mail server is connected to a client computer, and the client computer transmits, to the mail server, the e-mail directed to the predetermined user.

Claim 38. (new) The document transmission apparatus according to claim 28, wherein the controller transmits, to the cellular phone, screen data configured to be displayed on a display of the cellular phone, the screen data notifying the predetermined user of the cellular phone of an acceptance of a printer selection from the predetermined user of the cellular phone.

Claim 39. (new) The document transmission apparatus according to claim 28, wherein the controller transmits the file data to the selected printer, using a communication protocol corresponding to the selected printer.

Claim 40. (new) The document transmission apparatus according to claim 28, wherein the controller transmits, to the cellular phone, screen data configured to be displayed on a display of the cellular phone, the screen data including a print result message, the print result message including a charge for printing the e-mail at the selected printer.

Claim 41. (new) A documents transmission apparatus, comprising:

- a first memory configured to store an e-mail directed to a predetermined user
- a LAN controller configured to be connected to a cellular phone via an Internet, the cellular phone being associated with the predetermined user;
- a second memory configured to store an e-mail address of the predetermined user of the cellular phone associated with a local mail account of the predetermined user;
- a third memory configured to store printer addresses of a plurality of printers, the document transmission apparatus being able to access the plurality of printers, based on the printer addresses;
- a controller configured to check for an arrival of the e-mail directed to the predetermined user by logging onto the local mail account of the predetermined user, to search the second memory for the e-mail address of the predetermined user of the cellular phone when the e-mail directed to the predetermined user is stored in the first memory, and to transmit a notification message to the e-mail address of the

predetermined user of the cellular phone via the Internet, the notification message notifying the predetermined user of the cellular phone of the arrival of the e-mail directed to the predetermined user,

the controller being further configured to transmit, to the cellular phone, information regarding the plurality of printers that the document transmission apparatus can access, to receive, from the cellular phone, an indication of a selection of one printer from the plurality of the printers, and to transmit, to the selected printer, the e-mail directed to the predetermined user, based on a printer address of the selected printer stored in the third memory, whereby the transmitted e-mail can be printed by the selected printer.

Claim 42. (new) A method for transmitting a document using a document transmission apparatus, the document transmission apparatus being connected to a mail server, the mail server storing an e-mail directed to a predetermined user, the document transmission apparatus being connected to a cellular phone of the predetermined user via an Internet, the document transmission apparatus comprising a first memory and a second memory, the first memory storing an e-mail address of the predetermined user of the cellular phone associated with a local mail account of the predetermined user, the second memory storing printer addresses of a plurality of printers, the document transmission apparatus being able to access the plurality of printers, based on the printer addresses, the method comprising:

accessing the mail server via the LAN;

checking for an arrival of the e-mail directed to the predetermined user by logging onto the local mail account of the predetermined user;

searching the first memory for the e-mail address of the predetermined user of the cellular phone when the e-mail directed to the predetermined user is stored in the mail server;

transmitting a notification message to the e-mail address of the predetermined user of the cellular phone via the Internet, the notification message notifying the predetermined user of the cellular phone of the arrival of the e-mail directed to the predetermined user;

transmitting, to the cellular phone, information regarding the plurality of printers that the document transmission apparatus can access;

receiving, from the cellular phone, an indication of a selection of one printer from the plurality of printers;

transmitting, to the selected printer, the e-mail directed to the predetermined user, based on a printer address of the selected printer stored in the second memory; and

printing the transmitted e-mail at the selected printer.

Claim 43. (new) A document transmission apparatus, comprising:

a LAN controller configured to be connected to a cellular phone via an Internet, the cellular phone being utilized by a predetermined user;

a memory configured to store printer addresses of a plurality of printers, the document transmission apparatus being able to access the plurality of printers, based on the printer addresses;

a controller configured to transmit, to the cellular phone, first screen data configured to instruct the predetermined user of the cellular phone to input a URL, to

receive, from the cellular phone, the screen data including the input URL, to access a Web server based on the input URL, to obtain, from the accessed Web server, home page information corresponding to the input URL, to transmit, to the cellular phone, second screen data configured to display information regarding the plurality of printers that the document transmission apparatus can access, to receive, from the cellular phone, an indication of a selection of one printer from the plurality of printers, and to transmit, to the selected printer, the obtained home page information, based on a printer address of the selected printer stored in the memory, whereby the obtained home page information can be printed by the selected printer.

Claim 44. (new) The document transmission apparatus according to claim 43, wherein, when the controller obtains, from the accessed Web server, the home page information corresponding to the input URL, the controller obtains a title from a tag <title> of the obtained home page information and text data from a tag <body> of the obtained home page information, and the controller transmits, to the cellular phone, the second screen data including the obtained title and the obtained text data.

Claim 45. (new) A method for transmitting document using a document transmission apparatus, the document transmission apparatus being connected to a cellular phone of a predetermined user via an Internet, the document transmission apparatus storing printer addresses of a plurality of printers, the document transmission apparatus being able to access the plurality of printers, based on the printer addresses, the method comprising:

transmitting, to the cellular phone, first screen data configured to instruct the predetermined user of the cellular phone to input a URL;

receiving, from the cellular phone, the screen data including the input URL;

accessing a Web server based on the input URL;

obtaining, from the accessed Web server, home page information corresponding to the input URL;

transmitting, to the cellular phone, second screen data configured to display information regarding the plurality of printers that the document transmission apparatus can access;

receiving, from the cellular phone, an indication of a selection of one printer from the plurality of printers;

transmitting, to the selected printer, the obtained home page information, based on a printer address of the selected printer stored in the memory; and

printing the obtained home page information at the selected printer.